



Material Content Data Sheet



Sales Product Name		SPD30N03S2L-10 G		Issued		27. September 2017		
MA#		MA000451394						
Package		PG-TO252-3-311		Weight*		314.14 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.654	0.84	0.84	8450	8450
leadframe	non noble metal	iron	7439-89-6	0.143	0.05		456	
	inorganic material	phosphorus	7723-14-0	0.043	0.01		137	
	non noble metal	copper	7440-50-8	143.098	45.56	45.62	455523	456116
wire	non noble metal	aluminium	7429-90-5	1.015	0.32	0.32	3232	3232
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.985	0.63		6320	
	plastics	brominated resin	-	2.127	0.68		6771	
	organic material	carbon black	1333-86-4	2.269	0.72		7222	
	plastics	epoxy resin	-	19.143	6.09		60938	
	inorganic material	silicondioxide	60676-86-0	116.277	37.01	45.13	370144	451395
leadfinish	non noble metal	tin	7440-31-5	3.740	1.19	1.19	11906	11906
plating	non noble metal	nickel	7440-02-0	0.086	0.03	0.03	275	276
	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
solder	noble metal	silver	7440-22-4	0.059	0.02		187	
	non noble metal	tin	7440-31-5	0.047	0.02		150	
	non noble metal	lead	7439-92-1	2.249	0.72	0.76	7161	7498
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		61	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		18	
	non noble metal	copper	7440-50-8	19.177	6.10	6.11	61048	61127
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com